Russian Power

28V → RACU-6 → 120V

28V → RACU-5 → 120V

FGB

RPCM-RS1-A   RPCM-RS1-C   RPCM-RS2-C   NODE 1

5   6   11* | 2** | 3   4   13*   15**

PMA-1

CH   0-2 5-8   3-4 9-12   N1-1   CH   3-4 10-12   0-2 5-8   N1-2

SDO   5V   MDM POWER SUPPLY

SDO   5V   MDM POWER SUPPLY

CH 0   COLD PLATE

COLD PLATE   CH 0

OPERATIONAL HEATER   MDM SURVIVAL HEATER

OPERATIONAL HEATER   MDM SURVIVAL HEATER

Primary Power

RBI-1   RBI-6   RBI-1   RBI-6
143V   143V

DCSU-P64B   DCSU-P62B

Power Supply   Power Supply

SCA_P6LWR_4B   SCA_P6UPR_2B

120V   120V

PVCU-4B   PVCU-2B

MDM POWER SUPPLY   MDM POWER SUPPLY

Located on P6 truss, IEA
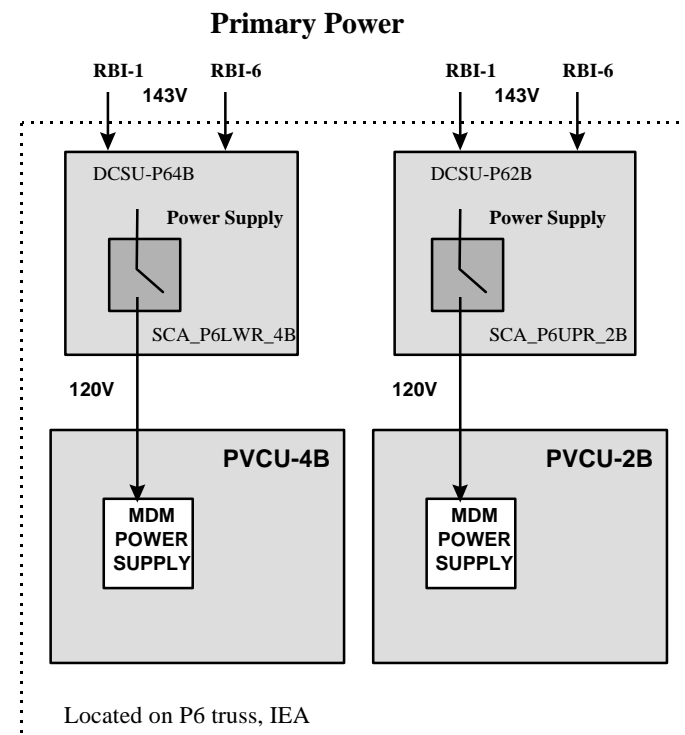
NOTE
*   RPCMs pre-set to close
**   Activated when an MDM
     is powered off
*** RACUs are used until
     5A when they are
     disconnected and RPDA
     rail jumper is connected

Acronyms
SDO   Solenoid Driver Output
MDM   Multiplexer/Demultiplexer
N1   Node 1
PMA   Pressurized Mating Adapter
RPCM Remote Power Controller Mechanism
DDCU DC/DC Converter Unit
DCSU DC Switching Unit
SCA   Switchgear Controller Assembly
PVCU Photovoltaic Controller Unit
IEA   Integrated Electronics Assembly

4A POWER CONFIGURATION:
PRE 4A ACTIVATION